

10/16/97

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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

0002/PTO
U.S. Department of Commerce
REV. 6/95
Patent and Trademark Office

Attorney Docket Number

63.666.90245

First Named Inventor

James F. Greenleaf

Total Pages in the Submission

20

**NEW UTILITY PATENT
APPLICATION TRANSMITTAL**
(to be used for new applications only)**APPLICATION ELEMENTS**Notice: Checklist items mentioned under Application Elements section
constitute a new utility patent application. Please refer to MPEP Sections
506, 601, 137 C.F.R. 1.77, 1.53, 35 USC 111, 112, 113 for detailed
explanation regarding completeness of an original patent application.**ACCOMPANYING APPLICATION PARTS**1. ☒ Fee transmittal Form (prescribed filing fees(s))

2. Specification

☒ Title of the Invention☐ Cross References to Related Applications
(if applicable)☐ Statement Regarding Federally-sponsored
Research/Development (if applicable)☐ Reference to Microfiche Appendix (if applicable)☒ Background of the Invention☒ Brief Summary of the Invention☒ Brief Description of the Drawings (if drawings filed)☒ Detailed Description☒ Claim or Claims☒ Abstract of the Disclosure3. ☒ Drawings (when necessary as prescribed by 35 USC 113)4. ☒ Executed Declaration5. Genetic Sequence Submission
(if applicable, all must be included)☐ Paper Copy☐ Computer Readable Copy☐ Statement Verifying Identical Paper and
Computer Readable Copy6. ☒ Assignment Papers7. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)8. ☐ Computer Program on Microfiche9. ☐ English Translation of Document (if applicable)10. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS
Citations11. ☐ Petition Checklist and Accompanying Petition12. ☐ Preliminary Amendment13. ☐ Proprietary Information14. ☒ Return Receipt Postcard15. ☐ Small Entity Statement16. ☐ Additional Enclosures (please identify below)**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm
or

Individual Name

Barry E. Sammons

Signature

Date

10/16/97

FOR OFFICIAL USE ONLY

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time
you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED
FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
6.11407290

002/PTO
Rev. 10/96U.S. Department of Commerce
Patent and Trademark Office**FEE TRANSMITTAL****Complete if Known**

Application Number	
Filing Date	
First Named Inventor	James E. Greenleaf
Group Art Unit	
Examiner Name	
Attorney Docket Number	630666.90245

TOTAL AMOUNT OF PAYMENT \$ **830.00****METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **17-0055**Deposit Account Name **Quarles & Brady**

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐
- Charge the Issue Fee Set in 37 CFR 1.18 & the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other
FEE CALCULATION (fees effective 10/01/97)**1. FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	790.00
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) **(\$790.00)****2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
16	-20= 0	X 22.00	= 0.00
3	-3= 0	X 82.00	= 0.00
Multiple Dependent Claims		270.00	= 0.00

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\$0.00)****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee
105	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for reexamination
112	920	112	920	Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for response within first month
116	400	216	200	Extension for response within second month
117	950	217	475	Extension for response within third month
118	1,510	218	755	Extension for response within fourth month
119	310	219	155	Notice of Appeal
120	310	220	155	Filing a brief in support of an appeal
121	270	221	135	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive unavoidably abandoned application
141	1,320	241	660	Petition to revive unintentionally abandoned application
142	1,320	242	660	Utility issue fee (or reissue)
143	450	243	225	Design issue fee
144	670	244	335	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Petitions related to provisional applications
126	240	126	240	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(b))
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))

SUBTOTAL (3) **(\$40.00)**

Reduced by Basic Filing Fee Paid

SUBMITTED BYTyped or Printed Name **Barry E. Sammons**Signature **Barry E. Sammons**Date **Oct 16, 1997****Complete (if applicable)**Reg. Number **25,608**Deposit Account User ID **17-0055**